Marine Corps Air Station Yuma, AZ

Commanding Officer's Resident Energy Conservation Program (RECP) Brief

For

Residents of Family Housing

Background

- Office of the Secretary of Defense Memorandum of 8 September 1998 set policy for the payment of utilities in Public Private Venture (PPV) family housing.
  - Allows payment by resident for excessive use of utilities
  - PPV operating agreement includes this provision
  - Army started in 2003; Air Force in 2006

Background

- Pilot Program approved by Commandant in 2010
  - Conducted at MCB Hawaii, MCRD Parris Island, and MCAS Beaufort from Sep 2010 to date
  - Mock Billing Oct - Dec 2010 and Live Billing began in Jan 2011
  - Electric Use & Costs dropped about 9%
  - No Impact on Resident Satisfaction and Occupancy
  - RECP Concept was Proven Successful
  - Lessons Learned applied moving forward

Background

- HQMC approved implementation of the Resident Energy Conservation Program (RECP) at all PPV Projects - January 2012
  - RECP goals are consistent with DoD, DoN and USMC conservation principles
  - RECP Pilot Program has been running since Sep 2010
  - Navy conducted parallel pilot program in Hawaii
  - Concept was proven and refined

Resident Energy Conservation Program (RECP)

- RECP reduces electric costs, and makes $$ available for sustainment and improvements.
  - Cost savings generated by RECP will be used to improve homes, playgrounds, landscaping, and quality of life
  - Helps protect our $100M investment in new and renovated housing communities
- Basic Allowance for Housing (BAH) is only expected to cover the cost of "normal" utility use, not excess.
  - Families living in Military Housing have traditionally used excessive utilities
  - Most (65%) of MCASY families live off base and pay the full amount for utilities
  - 24% of MCAS Yuma BAH is allocated for all "normal"

Resident Energy Conservation Program (RECP)

2013 BAH Component Breakdown (Rounded to the nearest 1 percent)		Rent (Avg. % of total BAH rate)	Utilities (Avg. % of total BAH rate)	Insurance (Avg. % of total BAH rate)
MHA	MHA Name			
Arizona				
AZ013	PHOENIX, AZ	78%	21%	1%
AZ014	FORT HUACHUCA, AZ	77%	22%	1%
AZ015	DAVIS-MONTHAN AFB, AZ	78%	20%	1%
AZ016	YUMA, AZ E1- E4 $1,041	74% $770	24% $250	1% $11
California				
CA018	OAKLAND, CA	90%	9%	1%
CA019	SAN FRANCISCO, CA	91%	8%	1%
CA021	CHINA LAKE NAVWEPCEN, CA	77%	21%	2%
CA022	FRESNO, CA	78%	21%	2%
CA023	LEMOORE NAS, CA	77%	21%	1%
CA024	CAMP PENDLETON, CA	88%	12%	1%
CA025	VENTURA, CA	89%	10%	1%
CA026	VANDENBERG AFB, CA	86%	13%	1%
CA027	MARIN/SONOMA, CA	87%	12%	1%
CA028	BARSTOW/FORT IRWIN, CA	77%	21%	2%
CA031	SAN BERNARDINO, CA	82%	16%	2%
CA032	TWENTY NINE PALMS MCB, CA	76%	22%	2%

Resident Energy Conservation Program (RECP)

- RECP will encourage energy conservation
  - Residents using less energy will be rewarded with cash / credit
  - Residents using more energy will be billed for only the excess
  - Each Family can influence their own destiny

RECP
How The Program Works

1. Establish Like-Type Groups (LTG's) for all homes

2. Calculate average usage for LTG's each month

3. Set a "Normal Use Band" for each LTG with a 10% buffer above and below the "Normal Use"

4. Compare every home's consumption to the Normal Use Band for that LTG

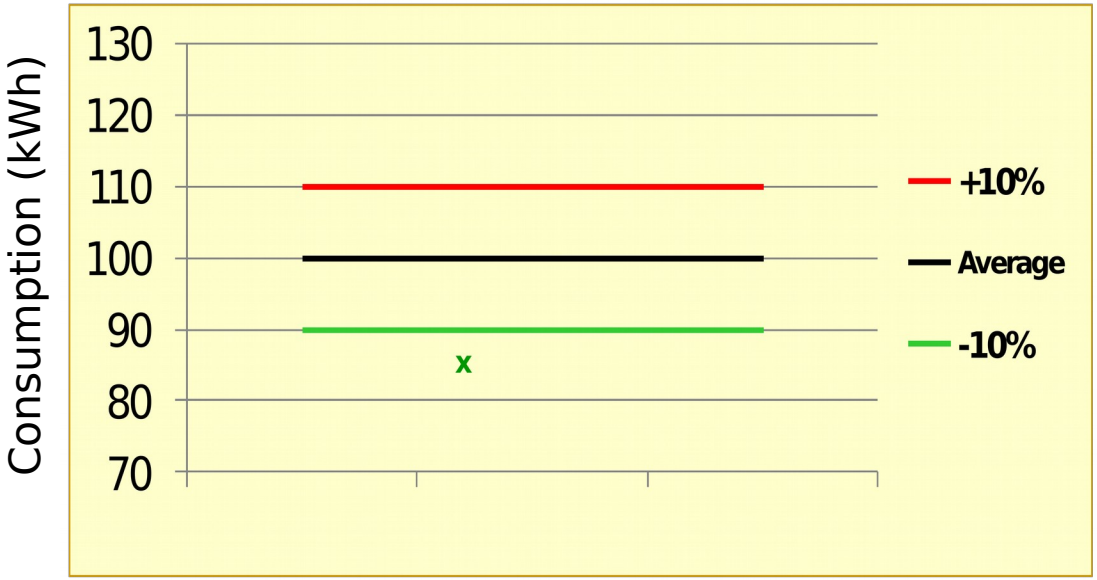
5. Receive statement for credit or amount due if usage is outside the normal use band for your group

RECP Program
Concept of Operations

- Establish Housing Like Type Groups
  - Based on size, type of construction, age, number of bedrooms
- Electric Metering
  - Lincoln's Homes are 100% metered for electricity consumption
- Calculate Average Usage for each Group each Month
  - Top/bottom 5% not considered in average
- Establish Average Range
  - Residents within +/- 10% of average have no cost impact
  - Residents outside range will get a refund or be billed for only excess not total

RECP Program
Concept of Operations

Example Monthly Electric Usage



Sample Like-Type-Group

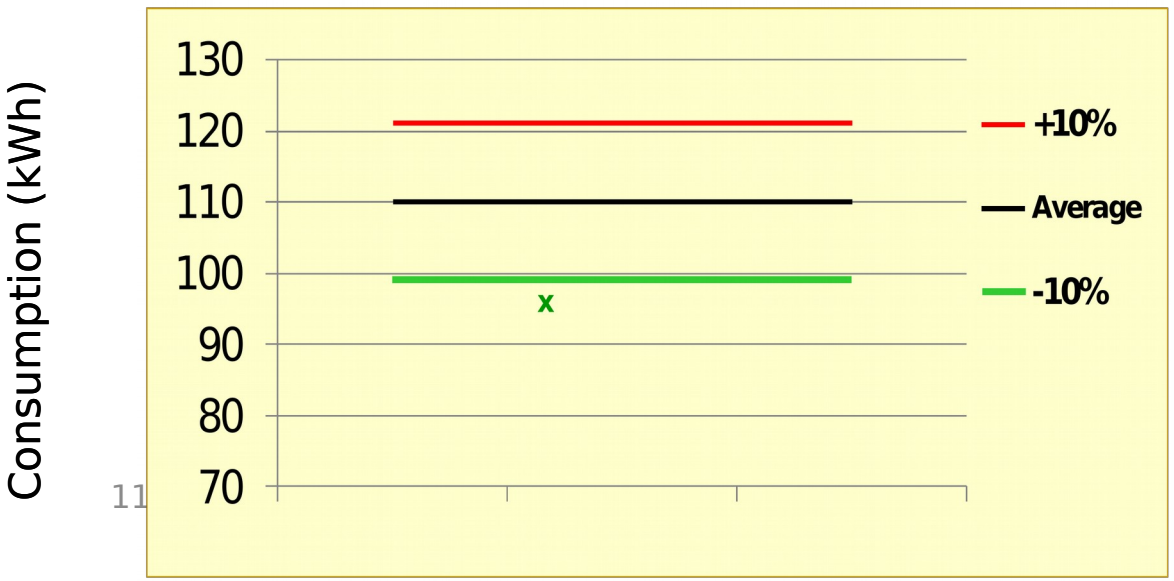
Example Individual Resident Impacts

- x **Billed for use over 110 kWh**
- x **No Credit and No Bill from 90 kWh to 110 kWh**
- x **Credit for use 90 kWh and under**

+/- 5%

RECP Program
Concept of Operations

Example Monthly Electric Usage



Sample Like-Type-Group

Example Individual Resident Impacts

X **Billed for use over 120 kWh**

X **No Credit and No Bill from 100 kWh to 120 kWh**

X **Credit for use 99 kwh and under**

+/- 5%

RECP Program
Concept of Operations

- Exemptions Established in the Program for Two Groups:
  - For some Wounded Warriors (little impact at Yuma)
  - Exceptional Family Members
    - No blanket exemption. Each request determined on its own merit
      - Approved exemptions not used to calculate average monthly use
- RECP will be implemented over a 180 day period starting 01 Sep 2013
  - Pre Mock (Sep – Nov)
  - Mock Bill (Dec – Feb)
  - Live Billing – 01 March 2014

RECP Program
Concept of Operations

- Timelines are projected and subject to change
- Before live billing begins:
  - RECP CO brief / CO Letter to Residents - Done
    - May 2012
  - Establish like-type housing groups - Done
    - May - June 2012
  - Communication with residents - Ongoing
    - Website: http://www.MCASYuma.marines.mil/Family/FamilyHousing/spx
    - Newsletters
    - Base Newspaper

RECP Program
Concept of Operations

- PPV Partner Send Notification Letters to Residents
  - Nov 1, 2013 - 30 days prior to Mock Bill
  - Feb 1, 2014 – 30 Days Prior to Live Bill
- RECP Information Fairs and Town Halls
  - Oct/Dec 2013 – Feb 2014
- Execute Lease Modifications
  - November 2013 – February 2014
- Start Live Billing
  - 1 March 2014

RECP Program
Concept of Operations

- Government, PPV Partners and Third Party Vender monitor program
  - First live bill Statement received mid - April 2014
  - Evaluation of individual consumption ongoing
- RECP Expectations:
  - Electricity consumption will drop 12-15%, saving $125,000 per year
  - Savings will be used for family housing improvements
  - Most families will NOT be billed for excessive use of utilities

Turn Out the Lights

RESIDENT ENERGY CONSERVATION PROGRAM

Questions?

RESIDENT ENERGY CONSERVATION PROGRAM

Close the Window Shades

Pay for What You Use

Pay Attention

Unplug the Chargers